

NEC Laboratories Europe has an opening for a

Postdoctoral / (experienced) Researcher

[ref: 1411-148-SDN]

in the field of computer networking. The work focuses on research and development, inside the CleanSky (<http://www.cleansky-itn.org/>) Initial Training Network (ITN) European project, of networking techniques for scalable high-performance data center network designs, for example for demanding next-generation cloud-based telecommunication systems.

The work objectives include the development of cloud network and service programmability concepts and algorithms, taking SLAs and performance/failure resilience requirements into account. The research work will be carried out in an international team of researchers.

NEC Laboratories in Heidelberg (Germany) provides an excellent working environment supporting individual creativity as well as strong teamwork. (Initially), the position is limited to two years. The candidate will be offered the possibility to spend two periods of 1 – 3 months each at other CleanSky partners. According Marie Curie fellowship rules, at the time of recruitment by a partner a qualified candidate (1) must be in possession of a doctoral degree, or have at least 4 years of research/work experience since obtaining the degree which formally allows him/her to embark on a doctorate, (2) must not have more than 5 years of research experience and (3) he/she must not have resided or carried out main activity in country applied for more than 12 months in the 3 years immediately prior to recruitment to this project. Please send applications by **December 31st, 2014** electronically via the applications web system <http://www.neclab.eu/staffapplication/> with reference to **[1411-148-SDN]**.

For questions, please contact:

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<http://www.neclab.eu/jobs.htm>

Applicants are sought with experiences, skills and interest in the following areas:

- Network architecture and protocols
- Software-Defined Networking and Network (Functions) Virtualization
- Cloud Management
- Information-Centric Networking
- Programming proficiency in C/C++, Python, Java
- Familiarity with software development under UNIX-based system (Linux, FreeBSD etc.)
- Knowledge about or practical experience with data center networks is a plus

We are looking for individuals with a broad background in the areas of telecommunication and computer networks, and we expect a Phd in Electrical Engineering or Computer Science. English is the working language in the Laboratories.